

Title (en)

SYSTEMS AND METHODS FOR HIGH INTEGRITY DOMAIN-SPECIFIC DATA BROKER ENGINE IN VEHICLE DATA GATEWAY

Title (de)

SYSTEME UND VERFAHREN FÜR DOMÄNENSPEZIFISCHE DATENMAKLERMASCHINE MIT HOHER INTEGRITÄT IN EINEM FAHRZEUGDATENGATEWAY

Title (fr)

SYSTÈMES ET PROCÉDÉS POUR MOTEUR DE COURTIER DE DONNÉES SPÉCIFIQUES À UN DOMAINE D'INTÉGRITÉ ÉLEVÉE DANS UNE PASSERELLE DE DONNÉES DE VÉHICULE

Publication

EP 4345420 A1 20240403 (EN)

Application

EP 23196188 A 20230908

Priority

- IN 202211055953 A 20220929
- US 202218055570 A 20221115

Abstract (en)

A system to filter a data transfer between an external application and a component of a vehicle, includes: a failsafe validation engine, wherein the failsafe validation engine includes: a rules engine to process a data model from the external application based on one or more rules, a context analyzer to receive context data associated with the vehicle, process the context data as the one or more rules, and send the one or more rules to the rules engine, and a schematic parser to receive the data model from the rules engine and parse the data model based on one or more object models defined for the component of the vehicle; and a controller to control the failsafe validation engine.

IPC 8 full level

G01C 23/00 (2006.01); **G08G 5/00** (2006.01)

CPC (source: EP)

G01C 23/00 (2013.01); **G08G 5/0004** (2013.01)

Citation (search report)

- [IA] EP 3232639 A1 20171018 - BOEING CO [US]
- [XAI] US 2021183360 A1 20210617 - EBRAHIMIFARD BADI [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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